

I-5: SR 516 (Des Moines) to I-90 (Seattle) – Average Weekend



Northbound I-5 at Corson Avenue (MP 161.85)

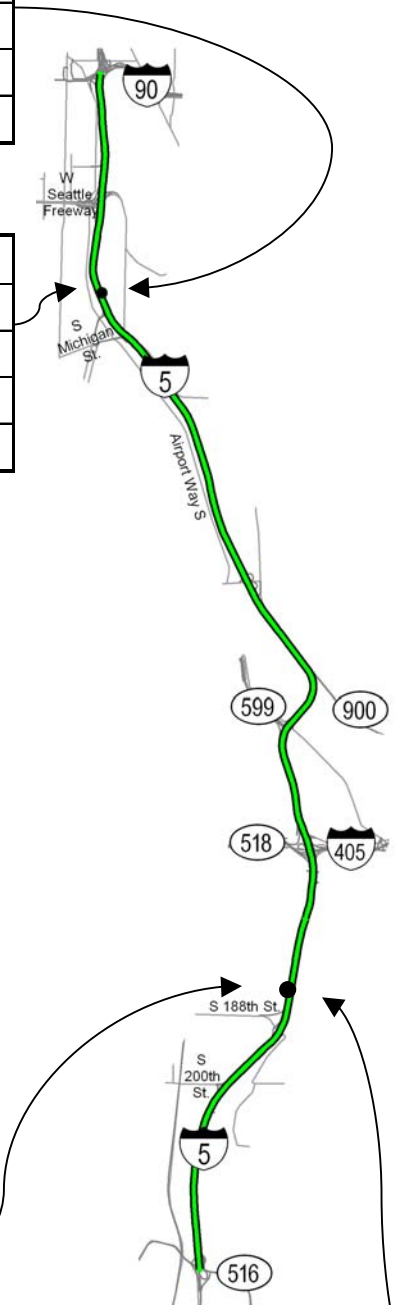
Time Period	Vehicles/Ln/Hr		Persons/Ln/Hr		Average Speed*		Transit Riders/hr
	GP	HOV	GP	HOV	GP	HOV	
AM Peak 6AM-9AM	708	185	1,217	417	59.9	60+	193
Midday 9AM-3PM	1,365	870	2,347	1,958	52.9	53.6	309
PM Peak 3PM-7PM	1,388	984	2,387	2,215	57.7	58.4	270
Night 7PM-10PM	1,052	671	1,809	1,509	59.0	59.5	143

*Average Speed is for the Peak 1-Hour in each time period

Southbound I-5 at Corson Avenue (MP 161.85)

Time Period	Vehicles/Ln/Hr		Persons/Ln/Hr		Average Speed*		Transit Riders/hr
	GP	HOV	GP	HOV	GP	HOV	
AM Peak 6AM-9AM	571	313	868	736	60+	60+	114
Midday 9AM-3PM	1,135	1,073	1,726	2,521	60+	60+	247
PM Peak 3PM-7PM	1,252	1,328	1,903	3,122	59.7	59.4	329
Night 7PM-10PM	921	792	1,400	1,861	59.8	59.7	187

*Average Speed is for the Peak 1-Hour in each time period



Corridor Performance

- The general purpose lanes operate well below capacity during all time periods on weekends. Average speeds are at or near the posted limit with the exception of northbound traffic approaching downtown Seattle during the midday.
- The HOV lanes operate with free flow conditions in both directions throughout the day with the exception of traffic approaching downtown Seattle during midday. This northbound slowing may be related to the end of the HOV lane and queuing that occurs approaching the entrance of the reversible lanes. At the southern end of the corridor HOV person throughput is approximately half to two thirds the average vehicular volumes of the general purpose lanes. At the northern end of the corridor, southbound HOV lane person throughput exceeds general purpose lane throughput southbound from midday through 10:00 PM.
- Transit service levels are much lower on weekends than on weekdays and ridership is therefore lower as well. Transit passengers constitute a lower percentage of HOV lane users on weekends. Weekend transit ridership is found during midday and evening rather than in the peaks as is typical on

Southbound I-5 at S 184th St (MP 152.82)

Time Period	Vehicles/Ln/Hr		Persons/Ln/Hr		Average Speed*		Transit Riders/hr [^]
	GP	HOV	GP	HOV	GP	HOV	
AM Peak 6AM-9AM	436	144	663	339	60+	60+	28
Midday 9AM-3PM	981	662	1,491	1,557	60+	60+	97
PM Peak 3PM-7PM	1,116	862	1,696	2,026	59.7	59.7	122
Night 7PM-10PM	781	455	1,187	1,069	59.8	59.8	79

*Average Speed is for the Peak 1-Hour in each time period

[^]Transit Ridership has been measured at S. 200th St.

Northbound I-5 at S 184th St (MP 152.82)

Time Period	Vehicles/Ln/Hr		Persons/Ln/Hr		Average Speed*		Transit Riders/hr [^]
	GP	HOV	GP	HOV	GP	HOV	
AM Peak 6AM-9AM	656	146	1,128	330	60+	60+	81
Midday 9AM-3PM	1,367	732	2,352	1,655	59.3	59.5	114
PM Peak 3PM-7PM	1,361	793	2,340	1,792	59.9	60+	92
Night 7PM-10PM	983	491	1,691	1,110	60+	60+	30

*Average Speed is for the Peak 1-Hour in each time period

[^]Transit Ridership has been measured at S. 200th St.